Tractor-drawn vacuum septic tankers

Clean septic tanks, soak pits and drains by suction, so no worker has to go inside. Built on a full steel chassis and tested under vacuum before it leaves our works.

सेप्टिक टैंक सफ़ाई टैंकर · 3000, 4000 और 5000 लीटर



Illustration of the VT-4000 in standard iSell livery, rendered from our design drawings

CAPACITIES **3,000 L** **4,000 L** **5,000 L**

−0.8 bar
working vacuum

6,000 L/min
pump air flow, VT-4000

1.5 bar
hydro test on every tank

Ø100 mm
suction and outlet

SUCK + BLOW

One pump fills and empties

A rotary-vane pump on the tractor PTO pulls sludge in. Turn the 4-way valve and the same pump pushes it out.

PUMP PROTECTED

Sludge never reaches the pump

A float valve shuts the line when the tank is full, and a moisture trap catches any carry-over.

TESTED

Built to hold vacuum

IS 2062 steel shell with external stiffening rings. Every tank is hydro-tested at 1.5 bar and held at −0.8 bar.

ROAD READY

Brakes, lights and hoses included

Trailer brakes, tail lamps and reflectors for registration, plus 24 m of hose with camlock couplings.

Specifications

	VT-3000	VT-4000	VT-5000
Working capacity	3,000 L	4,000 L	5,000 L
Gross tank volume	≈ 3,190 L	≈ 4,390 L	≈ 5,580 L
Tank, inside dia × shell length	1100 × 3000 mm	1200 × 3500 mm	1300 × 3800 mm
Shell / dished ends	5 mm / 6 mm	5 mm / 6 mm	6 mm / 8 mm
External stiffening rings	3	4	5
Vacuum pump air flow	4,000 L/min	6,000 L/min	8,000 L/min
Working vacuum / blow pressure	−0.8 bar / 1 bar	−0.8 bar / 1 bar	−0.8 bar / 1 bar
Suction and outlet	Ø100 mm	Ø100 mm	Ø100 mm
Axle and tyres	5 t · 7.50-16	6 t · 9.00-16	8 t · 10.0/75-15.3
Overall L × W × H	5800 × 2000 × 2080	6310 × 2080 × 2175	6650 × 2200 × 2280
Empty weight	≈ 1.55 t	≈ 1.8 t	≈ 2.1 t
Tractor needed	35–40 HP	45–50 HP	55 HP +
Price	**Call +91 97837 47074 for a quotation**		

Dimensions and weights are approximate.

Standard on every tanker

VACUUM SYSTEM

- Rotary-vane pump with 4-way suck/blow valve and PTO shaft with guard
- Float shut-off valve, moisture trap with drain, oil catcher
- Vacuum-pressure gauge, pressure relief and vacuum relief valves

TANK

- Rolled IS 2062 steel shell, dished ends, external stiffening rings
- Ø450 mm manhole, level indicator, Ø100 mm knife-gate outlet
- Coal-tar epoxy lining inside; epoxy + PU paint outside

CHASSIS AND ROAD

- ISMC channel chassis, A-frame drawbar, swing-up stand jack
- Hydraulic trailer brakes, mudguards, lamps, reflectors, toolbox
- 3 × 6 m suction hose and 1 × 6 m discharge hose with camlocks

Machine cleaning helps operators work within the Prohibition of Employment as Manual Scavengers Act, 2013.

How it works

1 Connect and start the PTO
Put the suction hose in the pit. The pump pulls air out of the tank and the sludge flows in.

2 Fills, then stops itself
When the tank is full the float valve closes, so sludge cannot reach the pump.

3 Discharge at the treatment plant
Turn the 4-way valve. The pump blows air in at up to 1 bar and the tank empties through the rear valve.

OPTIONS

Hinged full-open rear door	**On request**
GPS tracker for municipal contracts	**On request**
Operator PPE kit	**On request**
Your colour and lettering	**On request**

iSell

Ask for a quotation, a test sheet or a demonstration.

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Quotations are ex-works and exclude GST, transport, insurance and RTO registration. Delivery time confirmed with order. Specifications may change without notice.